

Remarks

The Applicants note with appreciation that all of the previous rejections with respect to Claims 1, 2, 33 and 58 have been withdrawn.

The Applicant have added new Claims 61 – 120. Of the new claims, Claims 61 and 93 are similar to Claims 1 and 33, respectively. One difference between Claims 61 and 93 on the one hand and Claims 1 and 33 on the other hand is the reference to “150 to 2000” outlet holes. Support for that range of outlet holes is found in the original Claim 6 and on page 38, lines 17 to 24 of the Applicants’ Specification as well as the Applicants’ priority application JP ‘713. For example, the range of 1 to 2000 outlet holes may be found on page 23 at line 2 of the priority document. Similarly, a range of 1 to 6000 outlet holes may be found on page 38 at line 16 of the Specification. It is well settled that a sub-range of a broad range is inherently supported by the broad range.

Dependent Claims 62 – 91 are modeled substantially after the originally-filed dependent claims from the U.S. application. Similarly, dependent Claims 93 – 114 are substantially modeled after originally-filed dependent claims in the U.S. application.

The Applicants have also added new Claims 115 and 116. Support for those claims may be found in Figs. 1 and 2 of the original U.S. application and the Japanese priority document.

Finally, the Applicants have added new Claims 117 to 120. They are somewhat similar to Claims 1, 2, 33 and 58, respectively. They further specify that the paste only flows from each individual hole into a corresponding space between adjacent ribs. This is clearly shown in both Figs. 1 and 2 of the original U.S. application and the Japanese priority document, wherein paste flows directly from individual holes into individual spaces between adjacent barrier ribs.

Examination of Claims 62 – 120 on the merits is respectfully requested.

The Applicants acknowledge the rejection of Claims 33 and 58 under 35 U.S.C. §102 as being anticipated by Norris. The Applicants respectfully submit that Norris fails to disclose, either explicitly or implicitly, every feature of Claims 33 and 58. For example, Claims 33 and 58 specifically recite 150 to 2000 outlet holes. Careful scrutiny of the entire Norris disclosure reveals that it does not contain such a disclosure of that claimed number of outlet holes. In fact, the Applicants respectfully submit that Norris fails to disclose any particular number of holes. Instead, Norris discloses so-called “tubules” 25, 27 and 29 that are porous, having some apparently large number of pores through which paste may flow. In any event, there is not a single word as to how many tubules there are and how many pores in each tubule there is. One of ordinary skill in the art would have to guess how many “holes” or “pores” or whatever they are called are present. Accordingly, the Applicants respectfully submit that Norris cannot support a rejection under 35 U.S.C. §102. Withdrawal of the rejection of Claims 33 and 58 based on Norris is accordingly respectfully requested.

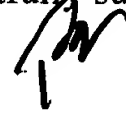
The Applicants acknowledge the rejection of Claims 1, 2, 33 and 58 under 35 U.S.C. §103 over the hypothetical combination of Miyake with Norris. The Applicants respectfully submit that this combination of references suffers from the following problems. First, Miyake is illustrative of the screen printing method. The screen printing is a completely different method not applicable to this invention and/or Norris. Thus, the Applicants respectfully submit that one of ordinary skill in the art would not make the hypothetical combination in the first place.

In any event, Miyake inherently fails to disclose, teach or suggest 150 to 200 outlet holes in a nozzle since Miyake uses a screen device. Thus, even if one of ordinary skill in the art were to make the hypothetical combination of Miyake with Norris, the resulting product, whatever that might possibly be, would still fail to teach or suggest the claimed aspect of all of Claims 1, 2, 33 and

58 regarding 150 to 2000 outlet holes. Withdrawal of the rejection of Claims 1, 2, 33 and 58 based on Norris in view of Miyake is accordingly respectfully requested.

In light of the foregoing, the Applicants respectfully submit that the entire Application is now in condition for allowance, which is respectfully requested.

Respectfully submitted,



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